

FIG. 1

206210" BL665N4 82,974

# Comparison of Infrared Absorption Spectra for PEG (1450) Films

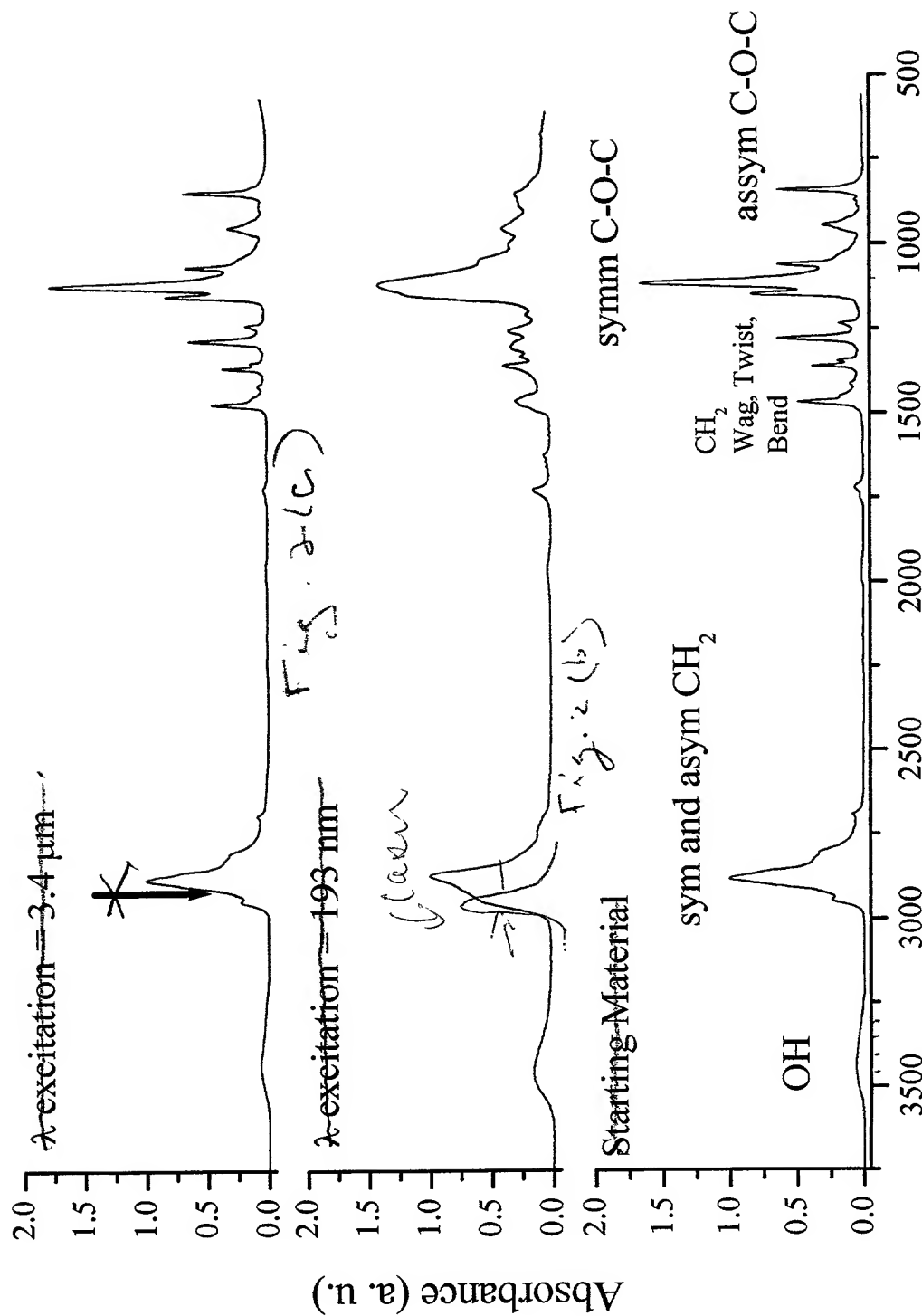


Figure 2

# Comparison of Infrared Absorption Spectra for PEG (1450) Films

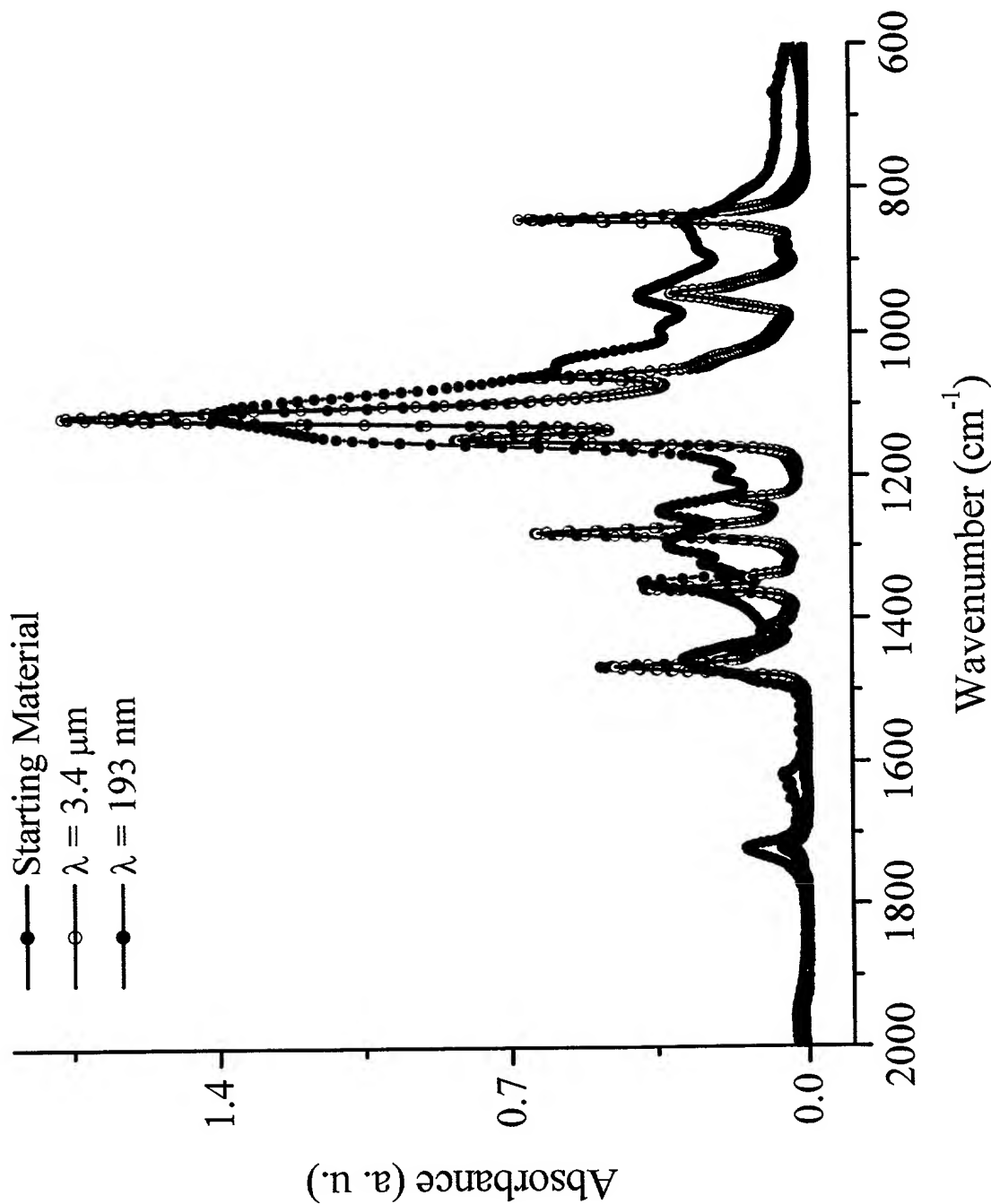


Figure 3

# ESI Mass Spectrum of PEG Films Deposited Using FEL

3.4  
 $\lambda = 2.9 \mu\text{m}$   
 $M_n = 1508 \text{ amu}$   
 $M_w = 1523 \text{ amu}$

12

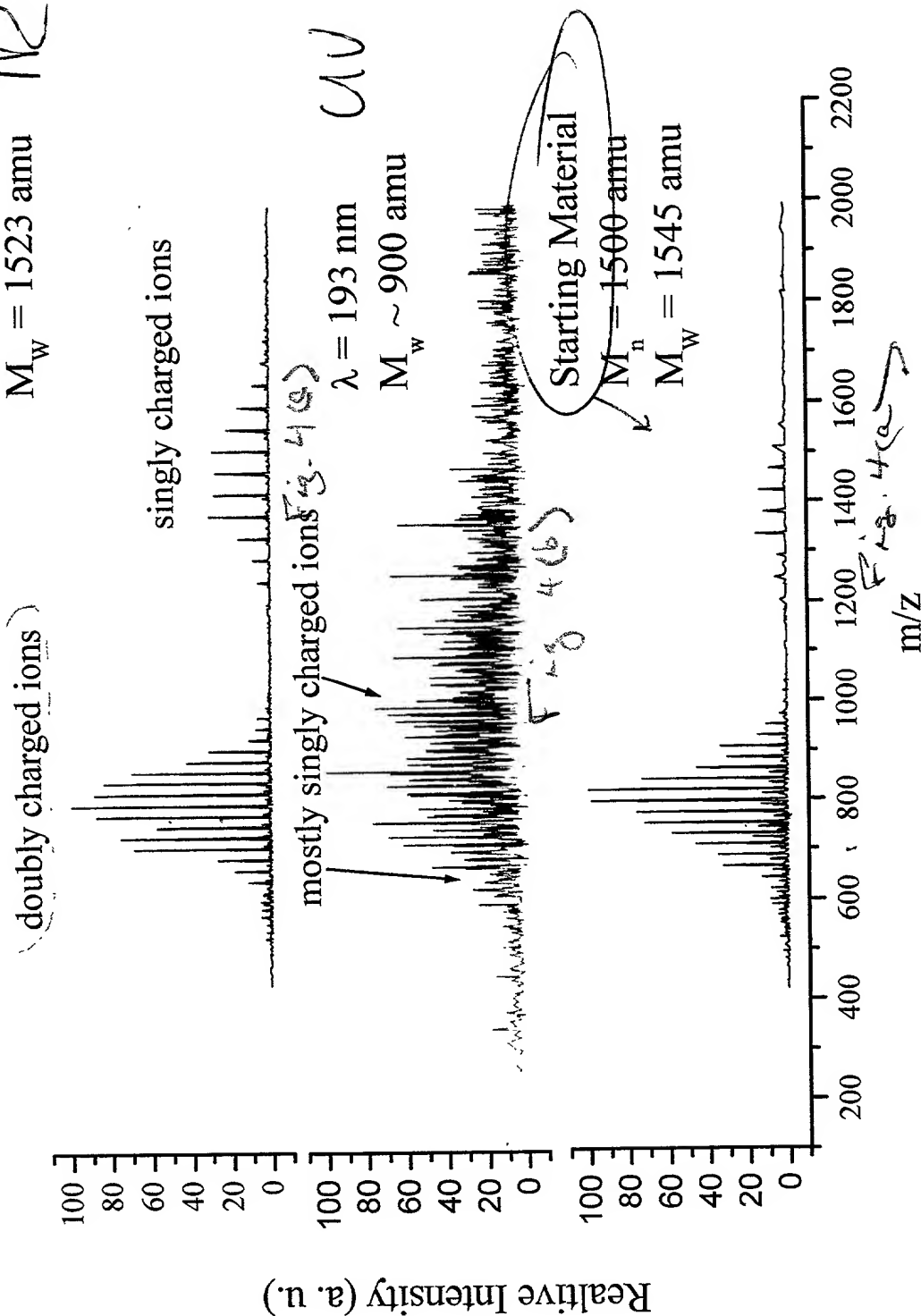


Figure 3/4

# Comparison of Resonant and Non-resonant Excitation

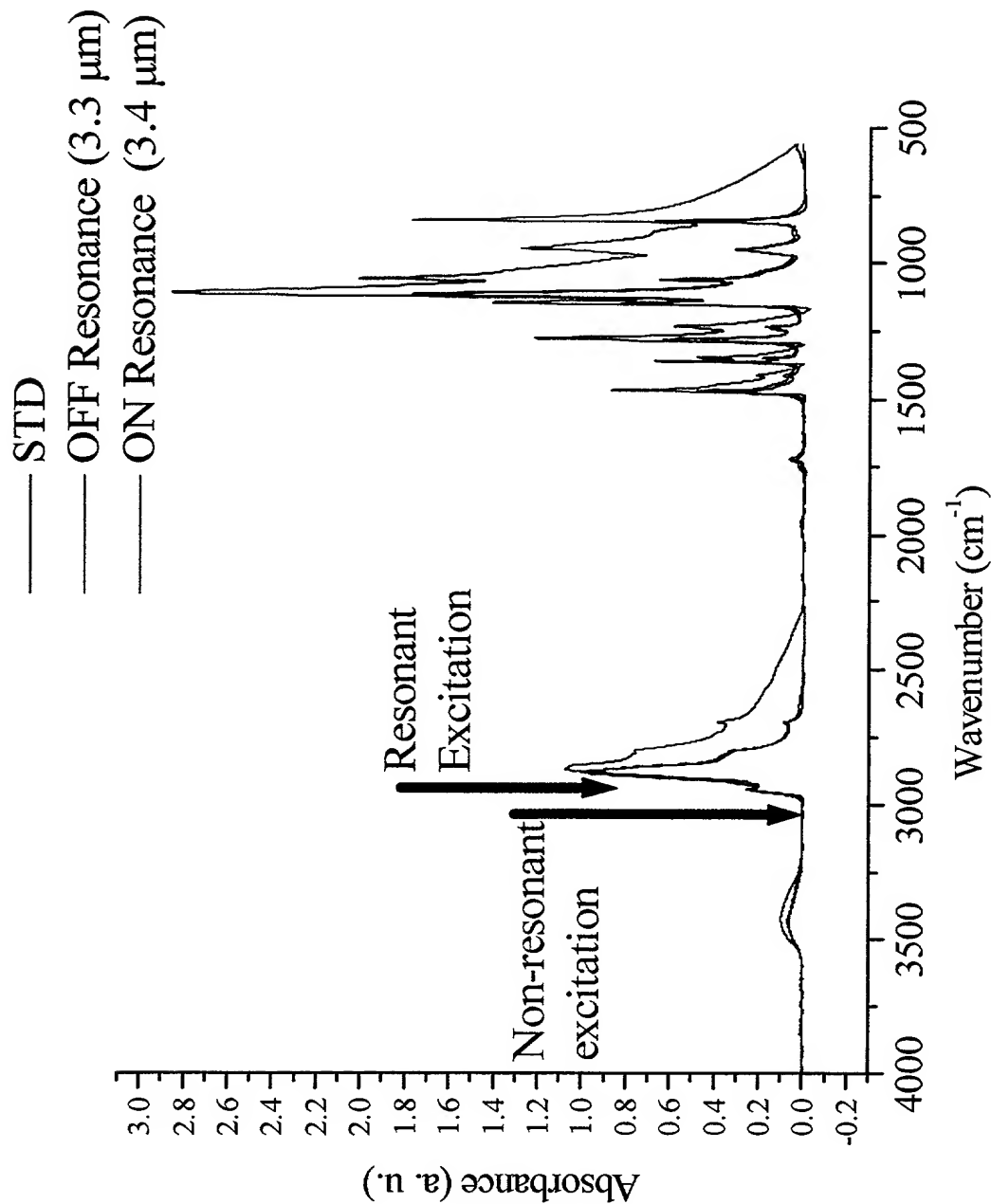


Figure # 5

# Subtracted Absorbance Spectra for Resonant and Non-resonant Excitation

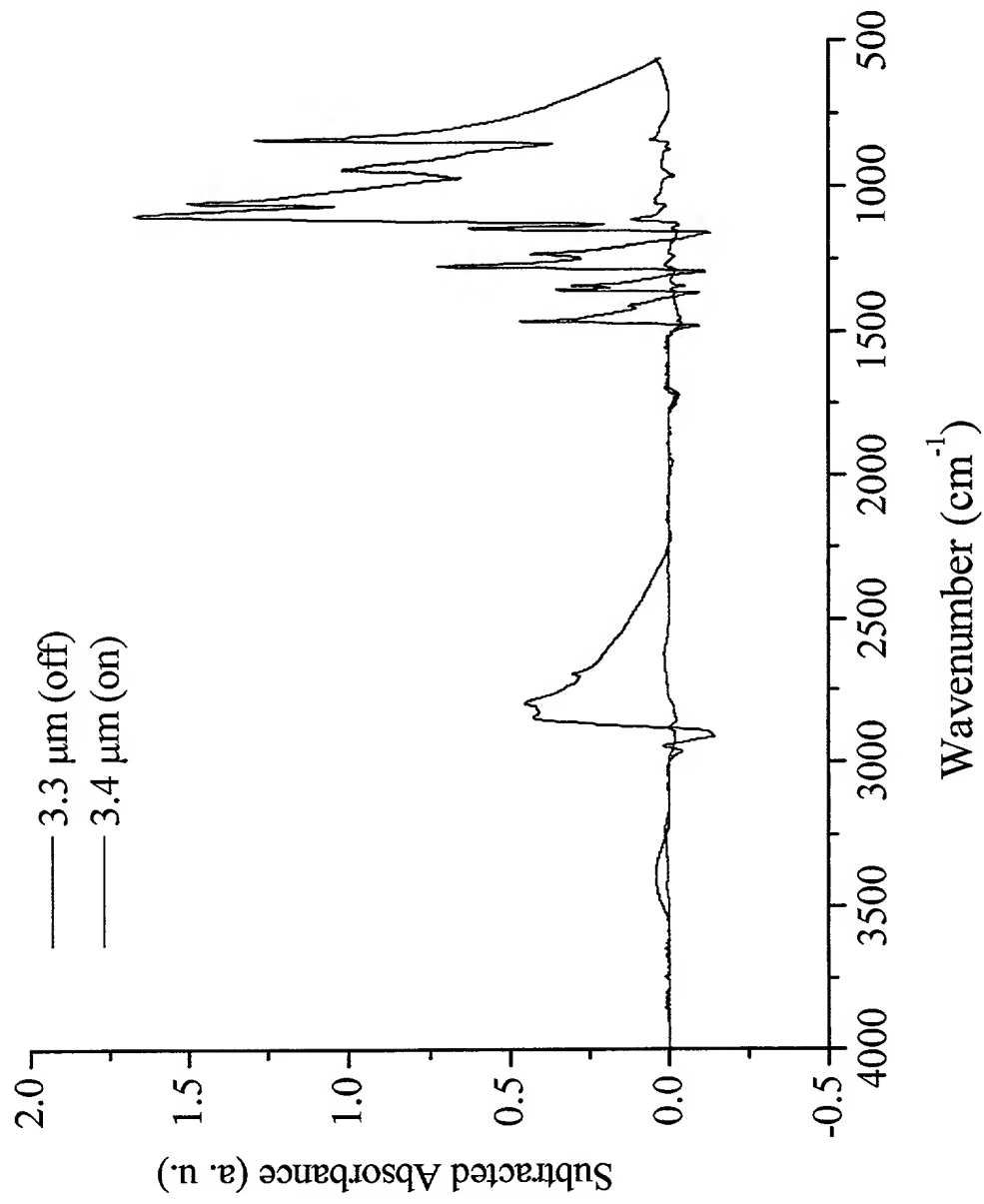


Figure 8b

# Absorption Spectra For PLCA Thin Films

## Poly( $\Delta$ L-lactide-*co*-caprolactone)



$$x = .6, y = .4$$

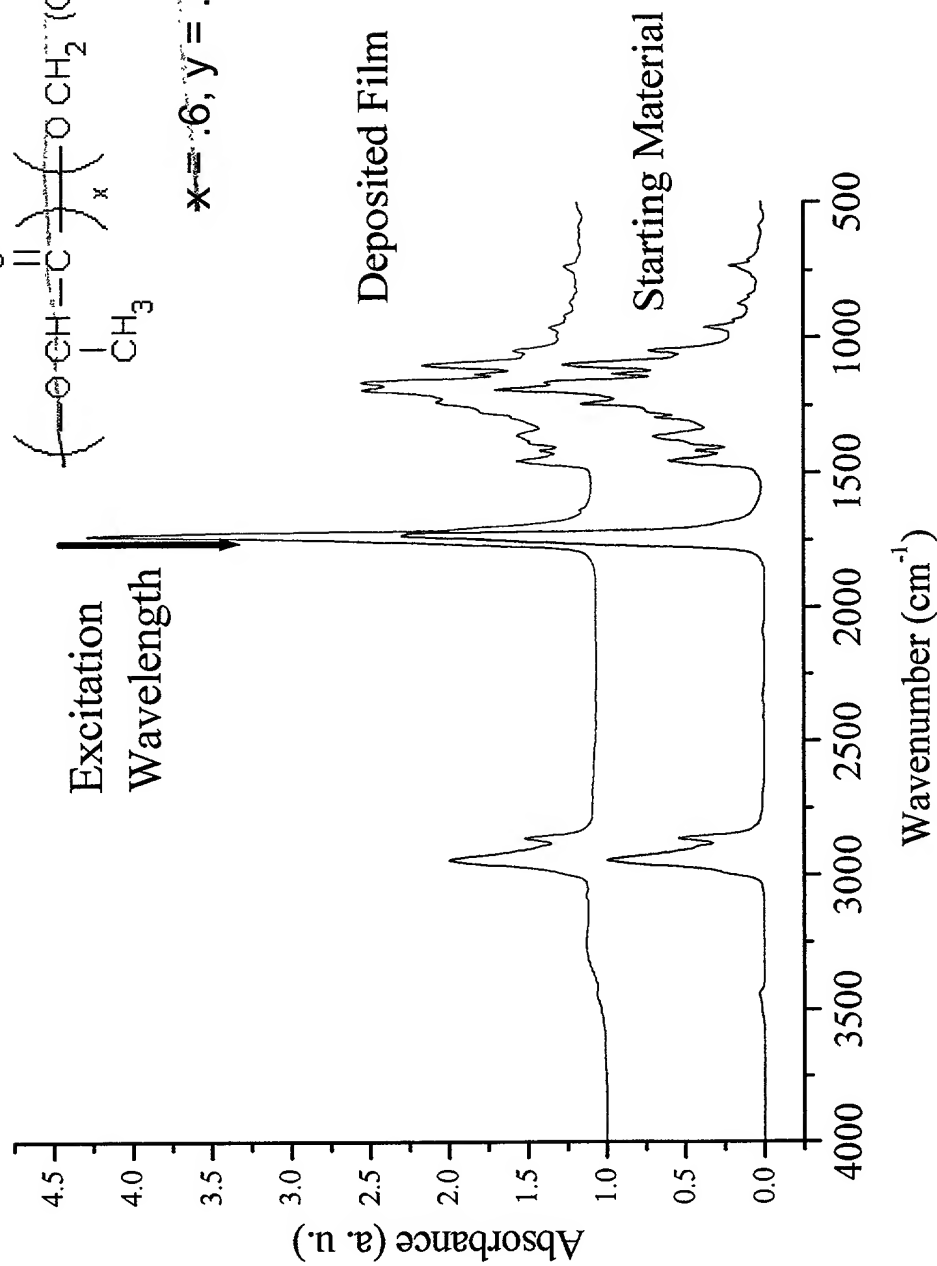


Figure 7

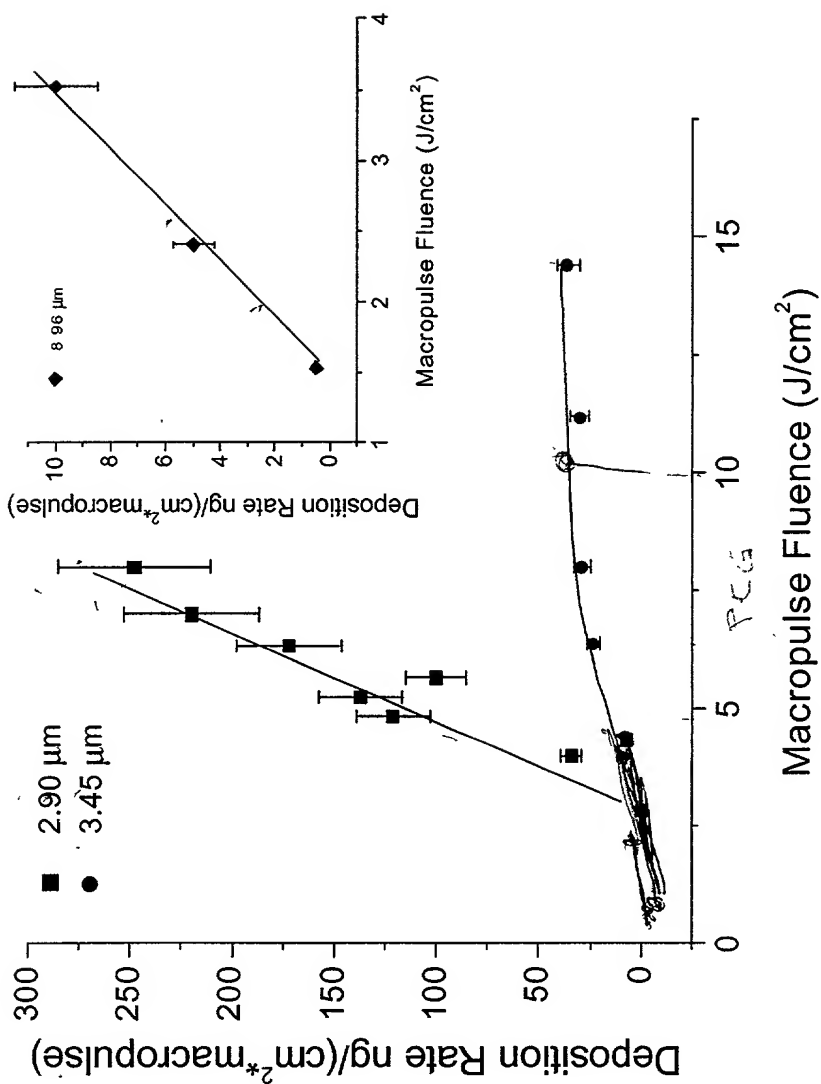


Figure 8